

Today's Topics:

[To: INFO-HAMS: HELP]
Alternators
Info wanted: IC-275
Locking coil slugs.
new Part 97
PL259 connector assembly
TUVA SSR on 15M (RA0/UA9YX) (2 msgs)

Date: Fri, 13 Oct 89 11:31:57 EDT
From: Clark Fishman (FSF) <cfishman@PICA.ARMY.MIL>
Subject: [To: INFO-HAMS: HELP]

----- Forwarded message # 1:

Date: Fri, 13 Oct 89 10:54:02 EDT
From: Clark Fishman (FSF) <cfishman@PICA.ARMY.MIL>
To: INFO-HAMS@wsmr-simtel1120.army.mil
cc: cfishman@PICA.ARMY.MIL
Subject: HELP
Message-ID: <8910131054.aa20804@AC4.PICA.ARMY.MIL>

To any and all in net land. I got a Heathkit IM 16 solid state volt/ohm/milliamp meter at a hamfest for a buck.. It is some what chopped up. If any body has a schematic and specs on this beast please send them to me... I will pay for postage and copying as necessary.

Tnx, Clark Fishman WA2UNN
P.O. Box 150
Andover, NJ 07821

----- End of forwarded messages

Date: Fri, 13 Oct 89 09:56:44 EDT
From: MJK2660%RITVM.BITNET@CORNELL.cit.cornell.edu
Subject: Alternators

I have a problem not at all related to ham radio but I've noticed some comments on vehicle alternators recently and though I'd ask. I have a 82 VW Rabbit, diesel variety. The alternator light is on. The alternator is good, bench tested it at an alternator shop. The alternator has a built in regulator. I have checked the wire that

goes the alternator that supplies voltage to start the field, and the voltage is about 2 volts. I have some problems with the wiring near the fuse box and at this point I don't wish to deal with this mess (this is a back up to my "winter" car and for \$500 I couldn't go wrong). My question is can I run a switched, fused wire from the battery directly to the "field coil" connection on the alternator?

Thanks for your help!

Mike Koziol WA2BRX

Date: 13 Oct 89 20:23:00 GMT
From: ux1.cso.uiuc.edu!ux1.cso.uiuc.edu!phil@iuvox.cs.indiana.edu
Subject: Info wanted: IC-275

I'd like to find out some info about the Icom IC-275:

What ways can a computer control the operation of this radio? What data rate would it connect at? Does connecting a computer to control the radio exclude yet another connection for packet operation (the data to sent and receive)?

Can it be modified for out of band? Have you actually seen the modifications?

--Phil howard-- <phil@ux1.cso.uiuc.edu>

-.-- - -- -.--
.-.-.- --. -. .- - .-. .-.-. .. .-... .

Date: Fri, 13 Oct 89 15:22:03 BST
From: "Pete Lucas, NERC-TLC Swindon U.K." <PJML@
Subject: Locking coil slugs.

If you've rebuilt some gear and realigned it, rather than locking the tuning slugs with wax (which will harden and make you likely to crack the slugs next time you realign it), try and get hold of a piece of elastic. If you tease the fibres out, you will end up with some very fine threads of rubber. If you hang one of these into the core before putting the slug in (dissolve off any remaining wax first) then screw in the slug, you will find it holds the slug beautifully. In five years, when you next need to realign the rig, the rubber thread will have perished, but its remains still hold the core. When you turn the slug, the rubber breaks into tiny pieces and allows you to unwind the slug. Put in a new rubber thread, and off you go. I have *NEVER* had a slug crack if it has been retained in this way.

p.s. if you have seized slugs, try soaking them in some organic solvent (Trichlorethylene, carbon tetrachloride) for a while to soften the wax - but be careful - the coil former may turn into a gooey lump

of melted plastic!

If your rig has areas of the PCB coated with wax, be careful - its often the PLL coils/components that are so treated. If you melt off the wax, then the inter-component capacitances will all change, and you may end up having to realign the PLL.

>--Pete--<

Please use the following addresses for reply:

| | |
|---|--------------------------|
| JANET: PJML@UK.AC.NERC-WALLINGFORD.IBMA | + \Natural |
| ARPA : PJML%IA.NWL.AC.UK@NSS.CS.UCL.AC.UK | + \Environment |
| EARN : PJML%UK.AC.NWL.IA@UKACRL | + \Research |
| AX25 : G6WBJ {144.650MHz} | + \Council |
| SPAN : STAR::"PJML%IA.NWL.AC.UK@NSS.CS.UCL.AC.UK" | + NERC Computer Services |
| PHONE: +44 793 411613 | + Holbrook House |
| FAX : +44 793 411503 | + Station Road |
| | + SWINDON SN1 1DE |
| | + GREAT BRITAIN |

Date: 13 Oct 89 19:41:00 GMT

From: ux1.cso.uiuc.edu!ux1.cso.uiuc.edu!phil@iuvox.cs.indiana.edu

Subject: new Part 97

If the event that needs radio coordination is non-profit, what you might do is approach a local "rent-a-radio" place about loaning radio equipment (and the cooresponding frequency and repeater support if necessary) and let the hams volunteer as the radio operators and coordination support. That will get you operating within the business radio service so everything will be legal by the FCC.

Non-profit organizations don't always get everything free, remember, and they technically have to buy things like any other organziation. They just the tax advantage of attracting donations. But, they don't any rights to make use of the Amateur Radio spectrum for doing these things.

Amateur can and should be used for true emergency communications. It's OK to be all set up and prepared for an emergency, and of course we all know that we usually communicate lots of idle chit-chat just to make sure that the radios are in good working order all the time.

Date: 13 Oct 89 14:54:18 GMT

From: swrinde!cs.utexas.edu!ginosko!uakari.primate.wisc.edu!uwm.edu!

dogie.macc.wisc.edu!vms.macc.wisc.edu@ucsd.edu (Brad Kleemann)

Subject: PL259 connector assembly

In article <8910060704.AA23808@uchvax.Berkeley.EDU>, MEHARP01@ULKYVM.BITNET (Michael Harpe) writes...

>

>I picked up some RG-8/X coax, some PL259 connectors (silver plated) and
^^^^^^

ARE YOU SURE?!? The adapters are for the smaller RG-58/U ONLY!

PL-259's are meant to handle RG/8 or RG/11 DIRECTLY!

>the UG-176 adapters for the connectors at a local hamfest. I want to

>build up some better coax for my dipole than what I am using now.

>

--Brad

Date: 13 Oct 89 12:55:05 GMT

From: gem.mps.ohio-state.edu!uwm.edu!mailrus!accuvax.nwu.edu!tank!eecaecps3xx!
usenet@tut.cis.ohio-state.edu (Usenet file owner)

Subject: TUVA SSR on 15M (RA0/UA9YX)

In article <241@fe2o3.UUCP> michael@fe2o3.UUCP (Michael Katzmann) writes:

>I contacted a station on 15M last night (10pm ET) from the TUVA soviet

>republic. It was RA0/UA9YX on 21295 kHz. ^^^^

>This is the first time I've heard this area of the Soviet Union on Ham

>Radio. Perhaps others may be interested. (B T W Tuva is the

>geographical centre of Asia)

TUVA was Dr. Richard Feinman's favourite place.

In the rare case that original ideas Kenneth J. Hendrickson N8DGN

are found here, I am responsible. Owen W328, E. Lansing, MI 48825

Internet: hendrick@frith.egr.msu.edu UUCP: ...!uunet!frith!hendrick

Date: Fri, 13 Oct 89 10:29 EDT

From: Ed Schwalenberg <Ed@ALDERAAN.SCRC.Symbolics.COM>

Subject: TUVA SSR on 15M (RA0/UA9YX)

Date: 12 Oct 89 15:13:26 GMT

From: fe2o3!michael@mimsy.umd.edu (Michael Katzmann)

I contacted a station on 15M last night (10pm ET) from the TUVA soviet
republic.

It was RA0/UA9YX on 21295 kHz.

This is the first time I've heard this area of the Soviet Union on Ham Radio.

Perhaps others may be interested. (B T W Tuva is the geographical centre of

Asia)

There was a very funny show on PBS (I think it was Nova) about Richard Feynmann of the Feynmann Lectures on Physics. He decided to try to visit Tuva, because as far as he could tell no Westerner had ever been there. Unfortunately, in the pre-glasnost era, that proved impossible.

End of INFO-HAMS Digest V89 Issue #764
